

# Chris Pettyjohn

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## SUMMARY

Skilled Full Stack Developer with over 10 years of experience in building scalable web applications and **microservices** using technologies like **TypeScript**, **Node.js**, and **React**. Proven ability to lead teams, deliver cloud-based solutions, and drive business impact, including improving **performance** and user retention. Strong communicator, experienced in **Agile** and **DevOps** practices, with a focus on aligning technical solutions with business goals.

## EXPERIENCE

### Lead Engineer | Mars

July 2024 - Present

- Led the development and deployment of Node.js-based **microservices** to support global e-commerce platforms, including MMS.com, ensuring 99.9% uptime and high availability in a multi-cloud environment handling a high volume of transactions.
- Spearheaded the design and optimization of scalable cloud-native solutions for MMS.com, reducing latency by 35% and improving the **performance** of mission-critical e-commerce applications.
- Integrated APIs and third-party services within the Node.js ecosystem, enhancing platform functionality and improving the customer experience for MMS.com's digital commerce.
- Implemented CI/CD pipelines for Node.js services, reducing deployment times by 25% and accelerating time to market for new features in MMS.com's e-commerce platform.

### Senior Engineer | Apple

July 2022 - July 2023

- Architected and developed scalable **microservices** using **Node.js**, **React**, **TypeScript**, and **PostgreSQL**, supporting **thousands of events per second** with low latency and high availability.
- Optimized **microservices** architecture, reducing system latency by **40%** while ensuring efficient event handling and zero downtime during peak traffic periods.
- Spearheaded backend service improvements, enabling a **20% increase** in concurrent event processing and enhancing overall system throughput.
- Collaborated with cross-functional teams to deliver new features that improved the **scalability** and **performance** of distributed **microservices**, supporting real-time data processing.
- Enhanced code **reliability** and system resilience through automated testing and rigorous code reviews, reducing bugs by **30%** in mission-critical event-driven **microservices**.

### Senior Engineer | Nike

July 2021 - July 2022

- Developed scalable **microservices** and **RESTful APIs** using Node.js and Java for warehouse management platforms.
- Optimized **NoSQL** databases such as **DynamoDB** for real-time data processing in high-volume operations.
- Implemented CI pipelines, improving code quality and reducing deployment times.
- Collaborated with teams to deliver secure and high-performing logistics services.
- - Optimized database **performance** by 30% through advanced **MySQL** query tuning and index management, enhancing data retrieval times over a 12-month period using **performance** monitoring tools.

### Software Engineer | Drive Social Media

December 2019 - July 2021

- Led a team of 5 engineers to build three applications from scratch: a marketing dashboard, an AI-powered content creation app, and a corporate-wide admin panel using **React** and **Node.js**.
- Collaborated with the CEO and CTO to define goals and deliver high-impact features, contributing to 1,000 new clients.
- Achieved 800% speed improvements and 240% user retention through scalable, **high-performance** architectures.
- Built cloud-based solutions using Node.js, **React**, **AWS**, and implemented CI/CD pipelines with **Jenkins** and **GitLab CI/CD**.

### Software Engineer | Impending Success LLC

July 2015 - November 2019

- Developed custom web applications using Angular, **React**, **Node.js**, and **Laravel**, increasing client web traffic by 150%.
- Built e-commerce platforms, boosting sales conversions by 40%.
- Created mobile-friendly applications, raising mobile user adoption by 60%.

## EDUCATION

### Bachelors of Information Technology | Western Governors University

2020

## SKILLS

**TypeScript**, **JavaScript**, **Node.js**, **React**, **AngularJS**, **AWS EC2**, **AWS Lambda**, **AWS S3**, **AWS DynamoDB**, **Docker**, **Kubernetes**, **RESTful APIs**, **CI/CD (Jenkins, GitLab CI)**, **Microservices**, **SQL**, **Redis**, **Agile**, **DevOps**